

SECTION 1661 REPAIR SEEDING

1661-1 DESCRIPTION

Repair areas previously seeded and mulched in accordance with Section 1660 but damaged or failed to successfully establish a stand of vegetation. This work does not include repair seeding made necessary by negligence on the part of the Contractor as described in Article 1660-7, nor does it include repairs to temporary seeding constructed in accordance with Section 1620.

Repair damage or failure in accordance with this section where correction can be made without extensive seedbed preparation.

Where correction will require extensive seedbed preparation, or where earthwork repairs or complete reshaping are necessary, repair in accordance with Section 1660.

Repair seeding includes minor seedbed preparation; the furnishing, placing and covering of fertilizer and seed; and mulch as required, all in accordance with these Specifications.

Perform repair seeding promptly at the locations and times as directed.

The actual conditions which occur during the construction of the project will determine the quantity of seed or fertilizer used. The quantity of seed or fertilizer may be increased, decreased or eliminated entirely at the discretion of the Engineer. Such variation in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

1661-2 MATERIALS

Refer to Division 10.

Item	Section
Fertilizer	1060-2
Seed	1060-4
Mulch for Erosion Control	1060-5

The analysis of fertilizer and the kinds of seed shall be as stated in the contract.

1661-3 SEEDBED PREPARATION

Seedbed preparation will be required unless otherwise permitted.

A seedbed preparation as extensive as that performed for the original seeding and mulching will not be required. The degree of preparation shall be sufficient to retain the seed against displacement by wind, rain or surface runoff, and be acceptable to the Engineer. The acceptable degree of seedbed preparation will depend on the location, soil conditions and drainage conditions at the site.

1661-4 APPLICATION OF FERTILIZER, SEED AND MULCH

The analysis of fertilizer, the kinds of seed and the rates of application of seed and fertilizer is the same as specified in the project special provision for seeding and mulching, unless otherwise directed, but in no case will the total rate of seed and fertilizer vary more or less than 25% of that specified for seeding and mulching.

Do not distribute fertilizer or sow seed when the Engineer determines that conditions are unfavorable for such operations.

Cover fertilizer and seed and secure mulch in place to prevent displacement by wind, rain or surface runoff.

Article 1660-5 will be applicable to the approval of equipment and the protection of traffic, structures, guardrails, traffic control devices and other appurtenances.

Section 1662

1661-5 MEASUREMENT AND PAYMENT

Seed for Repair Seeding will be measured and paid in pounds. The weight of seed will be determined by bag count of standard weight bags or by weighing the seed. No direct payment will be made for furnishing and applying mulch and all materials used to hold mulch in place, as such work and materials will be incidental to the work covered by *Seed for Repair Seeding*.

Fertilizer for Repair Seeding will be measured and paid in tons. The weight of dry fertilizer will be determined by bag count of standard weight bags, or by weighing the fertilizer in trucks on certified platform scales or other certified weighing devices.

Payment will be made under:

Pay Item	Pay Unit
Seed for Repair Seeding	Pound
Fertilizer for Repair Seeding	Ton

SECTION 1662 SUPPLEMENTAL SEEDING

1662-1 DESCRIPTION

Apply additional seed to areas which have been previously seeded with permanent seed but on which there is an unsatisfactory cover of vegetation.

This work is only to provide an additional amount of seed to areas that have an insufficient stand of vegetation but which are too well established to require repair seeding. Work covered by this provision does not include seedbed preparation, fertilizer or mulch.

Perform supplemental seeding promptly at the locations and times as directed.

The actual conditions which occur during the construction of the project will determine the quantity of seed used. The quantity of seed may be increased, decreased or eliminated entirely as directed. Such variation in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

1662-2 MATERIALS

Refer to Division 10.

Item	Section
Seed	1060-4

Use seeds as stated in the contract.

1662-3 APPLICATION

Seedbed preparation will not be required.

The contract will state the kinds and rates of application of seed. Sow no seed when the Engineer determines that conditions are unfavorable.

Article 1660-5 will be applicable to the approval of equipment; and the protection of traffic, traffic control devices and other appurtenances.

1662-4 MEASUREMENT AND PAYMENT

Seed for Supplemental Seeding will be measured and paid in pounds. The weight of seed will be determined by bag count of standard weight bags or by weighing the seed.

Payment will be made under:

Pay Item	Pay Unit
Seed for Supplemental Seeding	Pound